

WHAT IS CLAIMED IS:

1. An RCA connector capable of being inserted into a circuit board directly; the RCA connector comprising a joint and a cover; wherein

one end of the joint has a protruded annular wall; a center of the
5 annular wall has a metal lead; the metal lead passes through a notch of the annular wall by using a conductive medium; the cover covers on the annular wall; and the cover has an opening corresponding to the notch of the annular wall so that the conductive medium extends out from the opening of the cover; further, a lower end of the annular wall is firmly secured to a
10 retaining seat; a plurality of positioning pins are extended from the retaining seat so that the RCA connector is fixed to a mother board by the positioning pins.

2. The RCA connector as claimed in claim 1, wherein the metal lead is a short metal lead and the conductive medium is a signal wire; when the signal wire
15 passes through the opening of the cover, the signal wire is connected to a video interface.

3. The RCA connector as claimed in claim 1, wherein a height of the metal lead is higher than that of the annular wall.

4. The RCA connector as claimed in claim 1, wherein the notch of
20 the annular wall is a through hole.

5. The RCA connector as claimed in claim 1, wherein the retaining seat has three positioning pins which extend from two bending plates at two lateral sides of the retaining seat and a bottom side of the retaining seat, respectively.

25 6. The RCA connector as claimed in claim 1, wherein a periphery of the cover is enclosed by a U shape enhancing block for fixing two bending plates at two lateral sides of the retaining seat.

7. The RCA connector as claimed in claim 6, wherein a center of the enhancing block has a through hole.

30 8. The RCA connector as claimed in claim 1, wherein two sides of the enhancing block have respective long slots for fixing two nose portions

protruded from the two bending plates.

9. The RCA connector as claimed in claim 6, wherein an opening of the cover has tip portions for positioning the enhancing block.

10. The RCA connector as claimed in claim 6, wherein an upper end of
5 the retaining seat has a bending plate.

11. An RCA connector; the RCA connector comprising a joint and a cover; wherein

one end of the joint has a protruded annular wall; a center of the annular wall has a metal lead; metal lead is an L shape long metal lead
10 which extends out of the notch of the annular wall; the cover covers on the annular wall; and the cover has an opening corresponding to the notch of the annular wall so that the metal lead further extends out of the opening of the cover; further, a lower end of the annular wall is firmly secured to a retaining seat; a plurality of positioning pins are extended from the
15 retaining seat so that the RCA connector is fixed to a mother board by the positioning pins.

12. The RCA connector as claimed in claim 11, wherein the L shape long metal lead is fixed to a mother board.

13. The RCA connector as claimed in claim 1, wherein a height of the
20 metal lead is higher than that of the annular wall.

14. The RCA connector as claimed in claim 1, wherein the notch of the annular wall is a through hole.

15. The RCA connector as claimed in claim 1, wherein the retaining seat has three positioning pins which extend from two bending plates at two
25 lateral sides of the retaining seat and a bottom side of the retaining seat, respectively.

16. The RCA connector as claimed in claim 1, wherein a periphery of the cover is enclosed by a U shape enhancing block for fixing two bending plates at two lateral sides of the retaining seat.

30 17. The RCA connector as claimed in claim 6, wherein a center of the enhancing block has a through hole.

18. The RCA connector as claimed in claim 1, wherein two sides of the enhancing block have respective long slots for fixing two nose portions protruded from the two bending plates.

19. The RCA connector as claimed in claim 6, wherein an opening of
5 the cover has tip portions for positioning the enhancing block.

20. The RCA connector as claimed in claim 6, wherein an upper end of the retaining seat has a bending plate.